



ELKHART, INDIANA 46516 • MUNICIPAL BUILDING, 229 SO. SECOND STREET • (219) 294-5471

ENGINEERING

Bruce D. Carter, P.E. City Engineer
Max C. Garl, R.L.S. 1st Assistant
Mary Reecer, Secretary

ELEANOR KESIM, Mayor

April 14, 1983

MEMO TO: Mike Terlep ✓
Aaron Jennings

FROM: Bruce D. Carter BPC

I've made a cursory review of the soils investigation prepared for Excel Corporation (April 4, 1983). I have the following comments and recommendations:

Comments on Excel Report

1. Results of soil borings indicate we should check under the Excel Building. TCE was found at the 4 to 8 foot level indicating possible presence of old glass pit. This validates evidence of an anonymous tip recently received by the City. It would be a mistake not to investigate other possible areas thinking that "we found it".
2. More borings to 45 foot level may be needed to identify boundaries of deep contamination.
3. Should check a few isolated samples for complete spectrum of VOC's and other organics. It may be possible to use this information to identify nature of source via "fingerprinting".
4. Need to check sample at Selmer's.

Overall Comments on Possible Remedial Measures

1. Purging would be very effective in zones of high concentration.
2. Consider shutting down interceptor wells. We are now drawing a highly contaminated plume toward the well field.
3. Containment structure with purging well should be investigated.

April 12, 1983

Comments on Excel Report

- this validates*
- TCE
- monthly verified by the City.*
1. Results of soil borings indicate that we should check under the Excel Building. ~~Phylo~~ was found at the 4 to 8 foot level indicating possible presence of old glass pit. evidence of an anonymous tip. It would be a mistake not to investigate other possible areas thinking that "we found it".
 2. More borings to 45 foot level may be needed to identify boundaries of deep contamination.
 3. Should check a few isolated samples for complete spectrum of ~~BOC's~~ ^{VOC's} and other organics. *this information* It may be possible to use ~~each~~ to identify nature of source via "fingerprinting".
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